

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| L1 | 108 | ((high\$4 or upper) near5 (writ\$3 or record\$3) near5 (power or level)) same ((low\$4 or bottom) near5 (writ\$3 or record \$3) near5 (power or level)) same (bias near3 (power or level)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/06 13:50 |
| L2 | 53 | 1 and "369".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/06 13:52 |
| L3 | 2 | 1 same multi | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/06 14:03 |
| L4 | 2 | 1 same (multi or multiple) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/06 14:04 |
| L6 | 65 | ("5732062").URPN. | USPAT | OR | ON | 2008/05/06 14:27 |
| L7 | 705 | (369/59.11).OCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/06 14:38 |
| L8 | 300 | (369/59.12).OCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/06 14:38 |
| L9 | 935 | L7 L8 | US-PGPUB; USPAT | OR | ON | 2008/05/06 14:38 |
| L10 | 497 | (multi adj2 pulse) near2 (train or signal or binary) | US-PGPUB; USPAT | OR | ON | 2008/05/06 14:38 |
| L11 | 109 | L9 and L10 | US-PGPUB; USPAT | OR | ON | 2008/05/06 14:38 |
| L12 | 33 | L11 and ((low near10 high) near5 power) | US-PGPUB; USPAT | OR | ON | 2008/05/06 14:38 |
| L13 | 705 | (369/59.11).OCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/06 15:26 |
| L14 | 300 | (369/59.12).OCLS. | US-PGPUB; USPAT | OR | OFF | 2008/05/06 15:26 |
| L15 | 935 | L13 L14 | US-PGPUB; USPAT | OR | ON | 2008/05/06 15:26 |

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|-----|-----|--|--------------------|----|-----|---------------------|
| L16 | 38 | 1 and 15 | US-PGPUB; USPAT | OR | ON | 2008/05/06 15:26 |
| S1 | 1 | "20030067857" | US-PGPUB; USPAT | OR | ON | 2006/11/20 11:10 |
| S2 | 3 | ("20040076099" "6631109" "6751513"). pn. | US-PGPUB; USPAT | OR | ON | 2006/11/20 13:04 |
| S3 | 541 | (369/59.11).OCLS. | US-PGPUB; USPAT | OR | OFF | 2006/11/20 13:05 |
| S4 | 245 | (369/59.12).OCLS. | US-PGPUB; USPAT | OR | OFF | 2006/11/20 13:05 |
| S5 | 741 | S3 S4 | US-PGPUB; USPAT | OR | ON | 2006/11/20 13:28 |
| S6 | 18 | ("20010021154" "20020021594" "20020075789" "20020145963" "20020155248" "20030007448" "20030008236" "20030026195" "20030043712" "20030048735" "20030152002" "20030152003" "20030214902" "6137769" "6280810" "6388978" "6448669" "6469963").PN. | US-PGPUB; USPAT | OR | ON | 2006/11/20 15:31 |
| S7 | 413 | (multi adj2 pulse) near2 (train or signal or binary) | US-PGPUB; USPAT | OR | ON | 2006/11/20 15:43 |
| S8 | 79 | S5 and S7 | US-PGPUB; USPAT | OR | ON | 2006/11/20 15:36 |
| S9 | 19 | S8 and ((low near10 high) near5 power) | US-PGPUB; USPAT | OR | ON | 2006/11/20 15:36 |
| S10 | 44 | ((multi adj2 pulse) near2 (train or signal or binary)) same eras\$4 | US-PGPUB; USPAT | OR | ON | 2006/11/20 16:22 |
| S11 | 22 | S5 and S10 | US-PGPUB; USPAT | OR | ON | 2006/11/20 15:44 |
| S12 | 1 | ("6396792").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/20 16:26 |
| S13 | 0 | 2002/0003762 | US-PGPUB; USPAT | OR | ON | 2006/11/20 16:27 |
| S14 | 1 | "20020003762" | US-PGPUB; USPAT | OR | ON | 2006/11/20 16:27 |
| S15 | 16 | "5745467" | US-PGPUB; USPAT | OR | ON | 2006/11/21 08:16 |
| S16 | 1 | ("5745467").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/21 08:57 |

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| S17 | 1 | ("6396792").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/21 08:57 |
| S18 | 0 | ("highadj2speed)near2 (writingorrecord\$3").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/21 10:03 |
| S19 | 11224 | (high adj2 speed) near2 (writing or record\$3) | US-PGPUB; USPAT | OR | ON | 2006/11/21 10:04 |
| S20 | 542 | (369/59.11).OCLS. | US-PGPUB; USPAT | OR | OFF | 2006/11/21 10:04 |
| S21 | 247 | (369/59.12).OCLS. | US-PGPUB; USPAT | OR | OFF | 2006/11/21 10:04 |
| S22 | 744 | S20 S21 | US-PGPUB; USPAT | OR | ON | 2006/11/21 10:04 |
| S23 | 219 | S19 and S22 | US-PGPUB; USPAT | OR | ON | 2006/11/21 10:04 |
| S24 | 2464 | (high near5 low) same jitter | US-PGPUB; USPAT | OR | ON | 2006/11/21 10:05 |
| S25 | 39 | S23 and S24 | US-PGPUB; USPAT | OR | ON | 2006/11/21 13:00 |
| S26 | 101716 | (power near2 (information or strateg\$3 or control\$4)) same (signal or pulse or wave) | US-PGPUB; USPAT | OR | ON | 2006/11/21 13:02 |
| S27 | 391 | S22 and S26 | US-PGPUB; USPAT | OR | ON | 2006/11/21 13:03 |
| S28 | 97 | S27 and (eras\$4 same ((min and max) or (low and high))) | US-PGPUB; USPAT | OR | ON | 2006/11/21 13:28 |
| S29 | 44 | S27 and (eras\$4 near10 ((min and max) or (low and high))) | US-PGPUB; USPAT | OR | ON | 2007/11/01 12:00 |
| S30 | 53 | S28 not S29 | US-PGPUB; USPAT | OR | ON | 2006/11/21 14:35 |
| S31 | 1 | ("5732062").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/21 15:49 |
| S32 | 0 | ((minnear2max)or (minnear2peak)or (highnear2low))near5(eras\$4near2(powerorlevel))". PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/21 15:51 |
| S33 | 67 | ((min near2 max) or (min near2 peak) or (high near2 low)) near5(eras\$4 near2 (power or level)) | US-PGPUB; USPAT | OR | ON | 2006/11/21 15:53 |
| S34 | 10 | S22 and S33 | US-PGPUB; USPAT | OR | ON | 2006/11/21 15:52 |
| S35 | 16 | S33 and jitter | US-PGPUB; USPAT | OR | ON | 2006/11/21 16:05 |
| S36 | 1 | ("6434096").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/21 16:40 |

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| S37 | 0 | "2002006964" | US-PGPUB; USPAT | OR | ON | 2006/11/21 16:40 |
| S38 | 1 | "2002006964" | US-PGPUB; USPAT | OR | ON | 2006/11/21 16:40 |
| S39 | 1 | ("5732062").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/22 10:57 |
| S40 | 593 | (eras\$4 near2 (power or level or energy)) near10 ((high and low) or (max and min) or (peak)) | US-PGPUB; USPAT | OR | ON | 2006/11/28 12:32 |
| S41 | 546 | (369/59.11).OCLS. | US-PGPUB; USPAT | OR | OFF | 2006/11/28 12:34 |
| S42 | 247 | (369/59.12).OCLS. | US-PGPUB; USPAT | OR | OFF | 2006/11/28 12:34 |
| S43 | 748 | S41 S42 | US-PGPUB; USPAT | OR | ON | 2006/11/28 12:34 |
| S44 | 86 | S40 and S43 | US-PGPUB; USPAT | OR | ON | 2006/11/29 11:19 |
| S45 | 1 | ("5732062").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 08:01 |
| S46 | 1 | 10/731751 | US-PGPUB; USPAT | OR | ON | 2006/11/29 11:19 |
| S47 | 1 | 10/751731 | US-PGPUB; USPAT | OR | ON | 2007/05/22 10:35 |
| S48 | 324 | lee-kyung-guen.in. or ahn-yong-jin.in. or hwang-wook-yeon.in. or yoon-du-seop.in. or park-in-sik.in. or kim-seong-sue.in. | US-PGPUB; USPAT | OR | ON | 2006/11/29 13:57 |
| S49 | 1 | lee-kyung-geun.in. and ahn-yong-jin.in. and hwang-wook-yeon.in. and yoon-du-seop.in. and park-in-sik.in. and kim-seong-sue.in. | US-PGPUB; USPAT | OR | ON | 2006/11/29 13:58 |
| S50 | 1 | ("5732062").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/22 12:55 |
| S51 | 13 | ((((writ\$3 or record\$3) near5 (strateg\$3)) near10 (power)) with ((control or (lead-in) or (lead adj2 in)) near5 area)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | OR | ON | 2007/05/22 13:01 |
| S52 | 658 | ((power near5 (level or strateg\$3 or information)) with ((control or (lead-in) or (lead adj2 in)) near5 area)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | OR | ON | 2007/05/22 13:04 |

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| S53 | 280 | (power near5 (level or strateg\$3 or information)) near5 ((control or (lead-in) or (lead adj2 in)) near5 area) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 13:04 |
| S54 | 159 | (power near5 (level or strateg\$3 or information)) near5 ((control or (lead-in) or (lead adj2 in)) near2 area) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 13:05 |
| S55 | 87 | S54 and "369".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 13:05 |
| S56 | 587 | (369/59.11).OCLS. | US-PGPUB; USPAT | OR | OFF | 2007/05/22 14:54 |
| S57 | 258 | (369/59.12).OCLS. | US-PGPUB; USPAT | OR | OFF | 2007/05/22 14:54 |
| S58 | 798 | S56 S57 | US-PGPUB; USPAT | OR | ON | 2007/05/22 14:54 |
| S59 | 445 | (multi adj2 pulse) near2 (train or signal or binary) | US-PGPUB; USPAT | OR | ON | 2007/05/22 14:54 |
| S60 | 90 | S58 and S59 | US-PGPUB; USPAT | OR | ON | 2007/05/22 14:54 |
| S61 | 23 | S60 and ((low near10 high) near5 power) | US-PGPUB; USPAT | OR | ON | 2007/05/22 14:54 |
| S62 | 52 | ((multi adj2 pulse) near2 (train or signal or binary)) same eras\$4 | US-PGPUB; USPAT | OR | ON | 2007/05/22 14:54 |
| S63 | 18 | ("20010021154" "20020021594" "20020075789" "20020145963" "20020155248" "20030007448" "200300008236" "20030026195" "20030043712" "20030048735" "20030152002" "20030152003" "20030214902" "6137769" "6280810" "6388978" "6448669" "6469963").PN. | US-PGPUB; USPAT | OR | ON | 2007/05/22 14:54 |
| S64 | 11844 | (high adj2 speed) near2 (writing or record\$3) | US-PGPUB; USPAT | OR | ON | 2007/05/22 14:54 |

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| S65 | 587 | (369/59.11).OCLS. | US-PGPUB; USPAT | OR | OFF | 2007/05/22 14:54 |
| S66 | 258 | (369/59.12).OCLS. | US-PGPUB; USPAT | OR | OFF | 2007/05/22 14:54 |
| S67 | 798 | S65 S66 | US-PGPUB; USPAT | OR | ON | 2007/05/22 14:54 |
| S68 | 232 | S64 and S67 | US-PGPUB; USPAT | OR | ON | 2007/05/22 14:54 |
| S69 | 2687 | (high near5 low) same jitter | US-PGPUB; USPAT | OR | ON | 2007/05/22 14:54 |
| S70 | 41 | S68 and S69 | US-PGPUB; USPAT | OR | ON | 2007/05/22 14:54 |
| S71 | 587 | (369/59.11).OCLS. | US-PGPUB; USPAT | OR | OFF | 2007/05/22 14:54 |
| S72 | 258 | (369/59.12).OCLS. | US-PGPUB; USPAT | OR | OFF | 2007/05/22 14:54 |
| S73 | 798 | S71 S72 | US-PGPUB; USPAT | OR | ON | 2007/05/22 14:54 |
| S74 | 1 | lee-kyung-geun.in. and ahn-yong-jin.in. and hwang-wook-yeon.in. and yoon-du-seop.in. and park-in-sik.in. and kim-seong-sue.in. | US-PGPUB; USPAT | OR | ON | 2007/05/22 14:54 |
| S75 | 75 | ((min near2 max) or (min near2 peak) or (high near2 low)) near5(eras\$4 near2 (power or level)) | US-PGPUB; USPAT | OR | ON | 2007/05/22 14:54 |
| S76 | 646 | (eras\$4 near2 (power or level or energy)) near10 ((high and low) or (max and min) or (peak)) | US-PGPUB; USPAT | OR | ON | 2007/05/22 14:54 |
| S77 | 1 | 10/751731 | US-PGPUB; USPAT | OR | ON | 2007/11/01 12:44 |
| S78 | 652 | (369/59.11).OCLS. | US-PGPUB; USPAT | OR | OFF | 2007/11/01 12:00 |
| S79 | 280 | (369/59.12).OCLS. | US-PGPUB; USPAT | OR | OFF | 2007/11/01 12:00 |
| S80 | 872 | S78 S79 | US-PGPUB; USPAT | OR | ON | 2007/11/01 12:00 |
| S81 | 20 | ((writ\$3 or record\$3 or high) near3 (power or level)) same ((low or minimum) near3 (writ\$3 or record\$3) near3 (power or level)) same ((bias or reference) near3 (power or level)) same (eras\$5 near3 (power or level)) | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/01 13:01 |

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| S82 | 10 | S80 and S81 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/01 12:05 |
| S83 | 1 | ("5291470").PN. | US-PGPUB; USPAT | OR | OFF | 2007/11/01 12:25 |
| S84 | 70 | "5732062" | US-PGPUB; USPAT | OR | ON | 2007/11/01 12:44 |
| S85 | 1 | ("5732062").PN. | US-PGPUB; USPAT | OR | OFF | 2007/11/01 12:44 |
| S86 | 14 | S81 and "369".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/01 12:53 |
| S87 | 4 | S86 not S82 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/01 12:56 |
| S88 | 1 | ("5745467").PN. | US-PGPUB; USPAT | OR | OFF | 2007/11/01 12:59 |
| S89 | 1 | ("6396792").PN. | US-PGPUB; USPAT | OR | OFF | 2007/11/01 12:59 |
| S90 | 105 | ((high\$4 or upper) near5 (writ\$3 or record\$3) near5 (power or level)) same ((low\$4 or bottom) near5 (writ\$3 or record \$3) near5 (power or level)) same (bias near3 (power or level)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/01 13:21 |
| S91 | 872 | S80 and S80 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/01 13:21 |
| S92 | 35 | S80 and S90 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/01 14:13 |
| S93 | 1 | ("6240660").PN. | US-PGPUB; USPAT | OR | OFF | 2007/11/01 14:14 |
| S94 | 1 | ("6240660").PN. | US-PGPUB; USPAT | OR | OFF | 2007/11/01 14:15 |

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|------|---|-----------------|--------------------|----|-----|---------------------|
| S95 | 1 | ("6204660").PN. | US-PGPUB; USPAT | OR | OFF | 2007/11/01 14:15 |
| S96 | 1 | ("6538692").PN. | US-PGPUB; USPAT | OR | OFF | 2007/11/01 14:15 |
| S97 | 1 | "20010007545" | US-PGPUB; USPAT | OR | ON | 2007/11/08 10:42 |
| S98 | 2 | "20020172120" | US-PGPUB; USPAT | OR | ON | 2007/11/08 14:10 |
| S101 | 0 | "200200600964" | US-PGPUB; USPAT | OR | ON | 2007/11/08 19:15 |
| S102 | 1 | "20020060964" | US-PGPUB; USPAT | OR | ON | 2007/11/08 19:17 |
| S103 | 8 | "6434096" | US-PGPUB; USPAT | OR | ON | 2007/11/08 19:18 |
| S104 | 1 | ("6434096").PN. | US-PGPUB; USPAT | OR | OFF | 2007/11/08 19:18 |

5/ 6/ 2008 3:39:58 PM

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